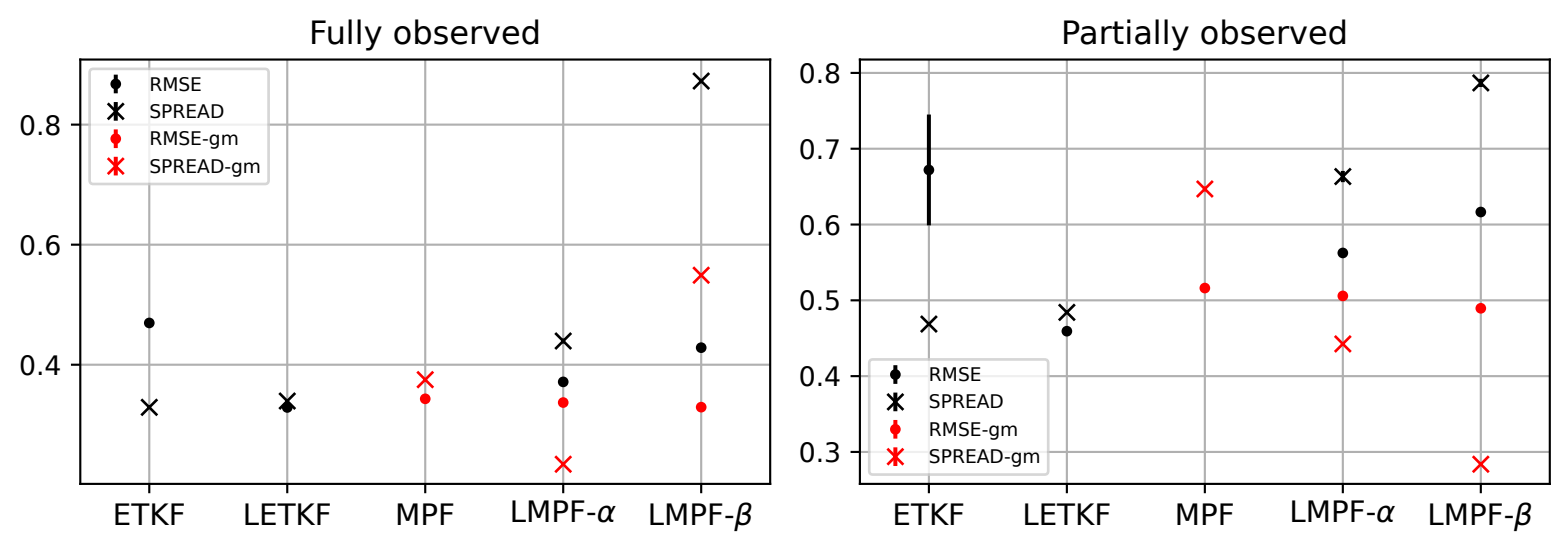
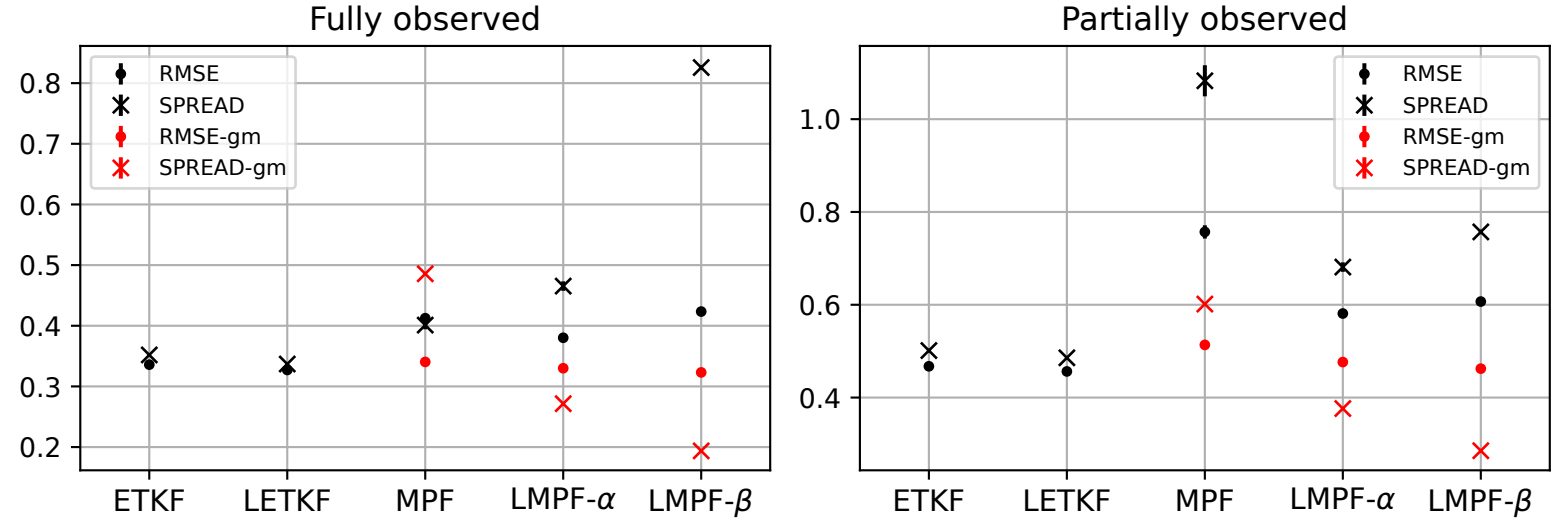

Fully observed
Partially observed
RMSE
SPREAD
RMSE-gm
SPREAD-gm
ETKF
LETKF
MPF
LMPF-α
LMPF-β

(a) $N_p = 20$


Fully observed
Partially observed
RMSE
SPREAD
RMSE-gm
SPREAD-gm
ETKF
LETKF
MPF
LMPF-α
LMPF-β

(b) $N_p = 50$